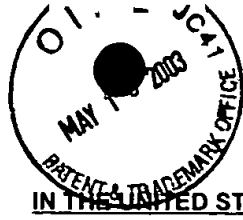


DOCKET NO.: P-8777  
Express Mail EL191394356US

PATENT




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NEW PROVISIONAL APPLICATION TRANSMITTAL

In re Application of: Robert W. Stadler, Bruce D. Gunderson, Jeffrey M. Gillberg and Walter H. Olson, Robert T. Taepke, II  
Title: METHOD AND APPARATUS FOR DETECTION AND TREATMENT OF TACHYCARDIA AND FIBRILLATION

CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope EXPRESS MAIL EL191394356US, addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 21<sup>ST</sup> day of March, 2000.

  
Frayda M. Nitschke

**BOX PROVISIONAL PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Provisional Patent Application Transmittal
- ☒ Provisional Patent Application Cover Sheet
- ☒ Provisional Patent Application (In English) ☒ Original  
(Specification 24 sheets; Title Page - 1 sheets)
- ☒ Drawings 10 figures (☐ Formal ☒ Informal)
- ☒ Return postcard

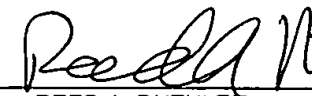
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TECHNOLOGY CENTER R3700

**FEE CALCULATION**

Basic Filing Fee		\$ 150
TOTAL		\$ 150

- ☒ Charge Deposit Account No. 13-2546 the sum of \$ 150.00 (Filing Fee) FOR A TOTAL OF \$ 150.00
- ☒ Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked on this New Provisional Application Transmittal with regard to this filing. A duplicate of this transmittal is enclosed.

3/24/00  
Date

  
Atty: REED A. DUTHLER  
Reg. No. 30,626  
MEDTRONIC, INC.  
7000 Central Avenue N.E.  
Minneapolis, Minnesota 55432  
Telephone: (612) 514-3351

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert W. Stadler, Bruce D. Gunderson, Jeffrey M. Gillberg,  
Walter H. Olson, Robert T. Taepke, II

For: METHOD AND APPARATUS FOR DETECTION AND TREATMENT  
OF TACHYCARDIA AND FIBRILLATION

Box Provisional Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

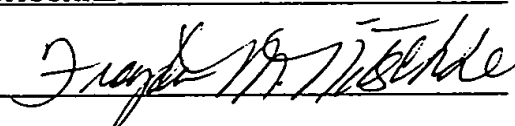
COVER SHEET FOR FILING PROVISIONAL APPLICATION  
(37 C.F.R. Sec. 1.51(s)(I))

Certificate Under 37 CFR Sec. 1.10: I hereby certify that this New Provisional Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed "EXPRESS MAIL POST OFFICE TO ADDRESSEE", as Express Mail, Label No. EL191397-99 US addressed to: Box Provisional Patent Application, Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this 21<sup>st</sup> day of MARCH, 2000.

FRAYDA M. NITSCHKE

Printed Name

Signature



This is a request for filing for filing a PROVISIONAL APPLICATION FOR  
PATENT under 37 C.F.R. 1.53 (b)(2).

1. The following comprises the information required by 37 C.F.R. Sec. 1.51 (a)(2)(i)(A):
2. The names and residence addresses of the inventors are as follows:

Robert W. Stadler  
339 Oakwood Drive  
Shoreview, Minnesota  
55126 US

Bruce D. Gunderson  
4735 Pilgrim Lane North  
Plymouth, Minnesota  
55442 US

Jeffrey M. Gillberg  
155 - 107th Lane Northwest  
Coon Rapids, Minnesota  
55448 US

Walter H. Olson  
16 Hay Camp Road  
North Oaks, Minnesota  
55127 US

Robert T. Taepke, II  
665 107th Lane N.W.  
Coon Rapids, Minnesota  
55448 US

3. The title of the invention is:

METHOD AND APPARATUS FOR DETECTION AND TREATMENT OF  
TACHYCARDIA AND FIBRILLATION

4. The name, registration and telephone number of the attorney is as follows:

Reed A. Duthler (Reg. No. 30,626)  
Telephone: (612) 514-3351

5. The docket number used to identify this application is: Docket No. **P-8777**

6. The correspondence address is as follows:

Reed A. Duthler, MS 301  
Medtronic, Inc.  
7000 Central Avenue NE  
Minneapolis, MN 55432

7. This invention was made by an agency of the United States Government, or under contract with an agency of the United States Government.

X \_\_\_\_\_ No

\_\_\_\_\_ Yes. The name of the U.S. Government agency and the Government contract number are as follows:

\_\_\_\_\_  
\_\_\_\_\_

8. Documents required by 37 C.F.R. Secs. 1.51 (2)

Specification:	No. of pages:	<u>24</u>
Abstract	- sheet	
Drawings	10 sheets	


9. Method of Payment of Filing Fees

\_\_\_\_\_ Check in the amount of \$150.00

X \_\_\_\_\_ The Commissioner is hereby authorized to charge filing fees and credit Deposit Account No. 13-2546 in the amount of \$150.

Please charge Deposit Account No. 13-2546 for any fee deficiency.

Respectfully submitted,

  
Reed A. Duthler, Reg. No. 30,626  
Medtronic, Inc.  
7000 Central Avenue NE  
Minneapolis, MN 55432  
(612) 514-3351

The "RECEIVED" stamp of the United States Patent and Trademark Office imprinted  
hereon acknowledges receipt of:

☒ Provisional Patent Application Transmittal  
☒ Provisional Patent Application Cover Sheet  
☒ Provisional Patent Application (In English) ☒ Original  
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Title: METHOD AND APPARATUS FOR DETECTION AND TREATMENT OF  
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Express Mail: EL191394356US Mailed: March 21, 2000

P-8777

RAD